

State of Alaska
Department of Fish and Game
Nomination for Waters
Important to Anadromous Species

1986
Year of Revision
86-512

Approved

Name of Waterway Mitchell Creek

AWC# of Waterway 333-10-11700-2096-3009

AWC Volume & Number Arctic 5

USGS Quad 101 Solomon C-5 (101)

Addition X Correction _____
Deletion _____ Change _____

Change to _____ Atlas
_____ Catalog
X _____ Both

<u>Al. Heltt</u>	<u>9-5-85</u>
Regional Supervisor	Date
<u>OK</u> <u>SP</u> <u>X</u>	<u>11/15/85</u>
<u>TB</u>	<u>10-21-85</u>
Drafted	ALASKA DEPT. OF FISH & GAME

SEP 25 1985

REGION II
HABITAT DIVISION

Species	Date(s) Observed	Spawning	Rearing	Migration
Arctic char	July 13, 1985		X	

Comments: Provide any clarifying information, including number of fish observed, location of fish survey data, etc.

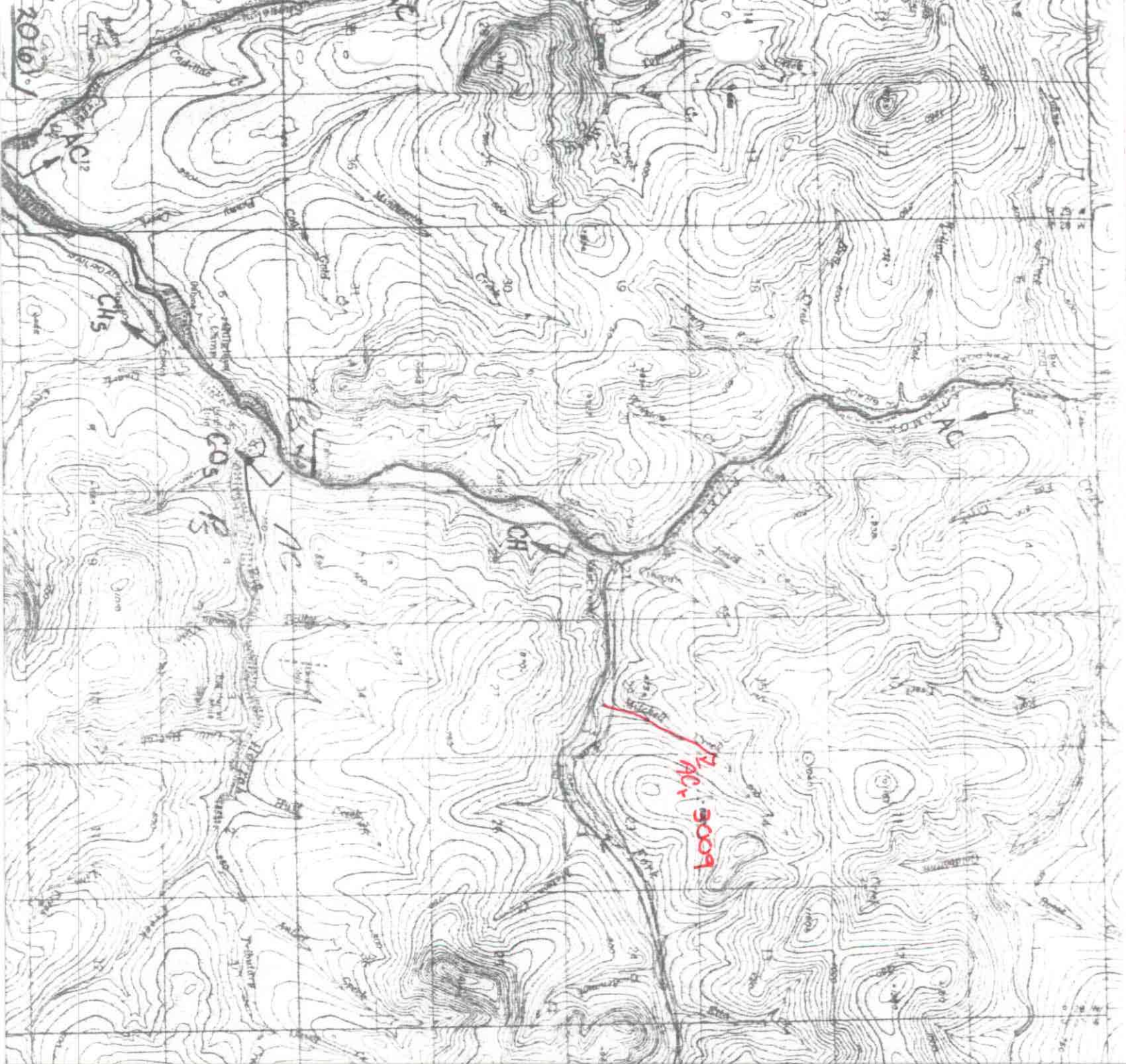
475 seconds electrofishing captured 8 juvenile char at and above flagging for new road alignment.

Attach a copy of a map showing location of mouth and upper points of each species, specific stream reaches identified for spawning or rearing, locations of barriers, such as falls. Attach a copy of the fish survey data, if available.

Name of Observer (please print) Glenn H. Townsend & Matt H. Robus

Date: 9-5-85 Signature: Glenn H. Townsend Matt H. Robus

Address: 565 University Ave
Fairbanks, AK 99701



July 10-14, 1985 Alan Townsend and Matt Robus, Habitat Biologist III's ADF&G, conducted fish surveys on tributaries to the Solomon River and the East Fork Solomon River. Ten streams were trapped using baited minnow buckets or electro-fished. Each stream surveyed contained juvenile Arctic char and/or coho salmon. Adult Arctic char were observed throughout the lower 12 miles of the Solomon River and several were captured and dissected. Each adult char checked had gonad development indicating that the fish would have spawned in the fall of 1985.

This stream has adequate flow and fish habitat characteristics which are substantially the same as those observed in the surveyed streams. No physical barriers are apparent which would exclude fish. Based on the observed distribution of fish in other tributaries in the Solomon River drainage it is my professional judgement that this stream supports significant numbers of rearing arctic char and should be included in the Catalog of Waters Important for the Spawning, Rearing, or Migration of Anadromous Fishes pursuant to AS 16.05.870(a).


Alan H. Townsend


Matthew H. Robus